



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/983,067

DATE: 02/27/2002

TIME: 14:13:42

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\02272002\I983067.raw

3 <110> APPLICANT: INOUE, Akio
4 SHIMIZU, Yoshihiro
5 UEDA, Takuya
7 <120> TITLE OF INVENTION: Process for Producing Peptides By Using In Vitro
8 Transcription/Translation System
10 <130> FILE REFERENCE: 1752-0151P
12 <140> CURRENT APPLICATION NUMBER: 09/983,067
13 <141> CURRENT FILING DATE: 2001-10-23
15 <150> PRIOR APPLICATION NUMBER: JP 294795/2001
16 <151> PRIOR FILING DATE: 2001-09-26
18 <150> PRIOR APPLICATION NUMBER: JP 227094/2001
19 <151> PRIOR FILING DATE: 2001-07-27
21 <150> PRIOR APPLICATION NUMBER: JP 6910/2001
22 <151> PRIOR FILING DATE: 2001-01-15
24 <150> PRIOR APPLICATION NUMBER: JP 401417/2000
25 <151> PRIOR FILING DATE: 2000-12-28
27 <160> NUMBER OF SEQ ID NOS: 6
29 <170> SOFTWARE: PatentIn version 3.1
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 14
33 <212> TYPE: PRT
34 <213> ORGANISM: Bovine sp.
36 <400> SEQUENCE: 1
38 Ser Asn Lys Glu Gln Glu Pro Lys Glu Lys Lys Lys Lys Lys
39 1 5 10
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 9
44 <212> TYPE: PRT
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Strep-tag binding to streptavidin
50 <220> FEATURE:
51 <221> NAME/KEY: MISC_FEATURE
52 <222> LOCATION: (1)..(9)
53 <223> OTHER INFORMATION: Schmidt & Skerra, 1993, "The random peptide library-assisted
54 enginerring of a C-terminal affinity peptide, useful for the
55 detection and purification of a functional IgFv fragment",
56 Protein Eng. 6(1):109-122.
59 <400> SEQUENCE: 2
61 Ala Trp Arg His Pro Gln Phe Gly Gly
62 1 5
65 <210> SEQ ID NO: 3
66 <211> LENGTH: 9

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67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Strep-tag II used in the binding of streptavidin
73 <220> FEATURE:
74 <221> NAME/KEY: MISC_FEATURE
75 <222> LOCATION: (1)..(9)
76 <223> OTHER INFORMATION: Schmidt et al., 1996, "Molecular interaction between the
77     Strep-tag affinity peptide and its cognate target,
78     streptavidin", J. of Mol. Biol. 255(5):753-766.
81 <400> SEQUENCE: 3
83 Asn Trp Ser His Pro Gln Phe Glu Lys
84 1           5
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 12
89 <212> TYPE: RNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: RNA sequence to obtain a template for MFL mRNA
95 <220> FEATURE:
96 <221> NAME/KEY: mRNA
97 <222> LOCATION: (1)..(12)
98 <223> OTHER INFORMATION:
101 <400> SEQUENCE: 4
102 auguucuugu aa                                     12
105 <210> SEQ ID NO: 5
106 <211> LENGTH: 14
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: oligonucleotide A that anneals to SEQ ID NO: 6 to give a
112     double-stranded DNA containing NdeI and XhoI sequences
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115 tatgttcttg taac                                     14
118 <210> SEQ ID NO: 6
119 <211> LENGTH: 16
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: oligonucleotide B that anneals to SEQ ID NO: 5 to give a
125     double-stranded DNA containing NdeI and XhoI sequences
127 <400> SEQUENCE: 6
128 tcgagttaca agaaca                                     16
  
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VERIFICATION SUMMARY

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